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# 4

DATE: 12/11/2001  
TIME: 11:57:51

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/001,851**

Input Set : A:\10147561.app  
Output Set: N:\CRF3\12112001\1001851.raw

ENTERED

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/001,851

DATE: 12/11/2001  
TIME: 11:57:51

Input Set : A:\10147561.app  
Output Set: N:\CRF3\12112001\1001851.raw

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/001,851

DATE: 12/11/2001

TIME: 11:57:51

Input Set : A:\10147561.app

Output Set: N:\CRF3\12112001\I001851.raw

114 Leu Gly Asp Gly Gln Lys Leu Lys Asp Trp His Asp Lys Glu Ala Ile  
 115 65 70 75 80  
 117 Arg Arg Asp Ala Gln Arg Val Gly Asn Gly Glu Gln Gly Arg Pro Tyr  
 118 85 90 95  
 120 Pro Met Thr Asp Ala Glu Arg Val Asp Gln Ala Tyr Arg Glu Asn Gly  
 121 100 105 110  
 123 Phe Asn Ile Tyr Val Ser Asp Lys Ile Ser Leu Asn Arg Ser Leu Pro  
 124 115 120 125  
 126 Asp Ile Arg His Pro Asn Cys Asn Ser Lys Arg Tyr Leu Glu Thr Leu  
 127 130 135 140  
 129 Pro Asn Thr Ser Ile Ile Pro Phe His Asn Glu Gly Trp Ser Ser  
 130 145 150 155 160  
 132 Leu Leu Arg Thr Val Leu Asn Arg Ser Pro Pro Glu Leu  
 133 165 170 175  
 135 Val Ala Glu Ile Val Leu Val Asp Asp Phe Ser Asp Arg Glu His Leu  
 136 180 185 190  
 138 Lys Lys Pro Leu Glu Asp Tyr Met Ala Leu Phe Pro Ser Val Arg Ile  
 139 195 200 205  
 141 Leu Arg Thr Lys Lys Arg Glu Gly Leu Ile Arg Thr Arg Met Leu Gly  
 142 210 215 220  
 144 Ala Ser Val Ala Thr Gly Asp Val Ile Thr Phe Leu Asp Ser His Cys  
 145 225 230 235 240  
 147 Glu Ala Asn Val Asn Trp Leu Pro Pro Leu Leu Asp Arg Ile Ala Arg  
 148 245 250 255  
 150 Asn Arg Lys Thr Ile Val Cys Pro Met Ile Asp Val Ile Asp His Asp  
 151 260 265 270  
 153 Asp Phe Arg Tyr Glu Thr Gln Ala Gly Asp Ala Met Arg Gly Ala Phe  
 154 275 280 285  
 156 Asp Trp Glu Met Tyr Tyr Lys Arg Ile Pro Ile Pro Pro Glu Leu Gln  
 157 290 295 300  
 159 Lys Ala Asp Pro Ser Asp Pro Phe Glu Ser Pro Val Met Ala Gly Gly  
 160 305 310 315 320  
 162 Leu Phe Ala Val Asp Arg Lys Trp Phe Trp Glu Leu Gly Gly Tyr Asp  
 163 325 330 335  
 165 Pro Gly Leu Glu Ile Trp Gly Gly Glu Gln Tyr Glu Ile Ser Phe Lys  
 166 340 345 350  
 168 Val Trp Met Cys Gly Gly Arg Met Glu Asp Ile Pro Cys Ser Arg Val  
 169 355 360 365  
 171 Gly His Ile Tyr Arg Lys Tyr Val Pro Tyr Lys Val Pro Ala Gly Val  
 172 370 375 380  
 174 Ser Leu Ala Arg Asn Leu Lys Arg Val Ala Glu Val Trp Met Asp Glu  
 175 385 390 395 400  
 177 Tyr Ala Glu Tyr Ile Tyr Gln Arg Arg Pro Glu Tyr Arg His Leu Ser  
 178 405 410 415  
 180 Ala Gly Asp Val Ala Val Gln Lys Lys Leu Arg Ser Ser Leu Asn Cys  
 181 420 425 430  
 183 Lys Ser Phe Lys Trp Phe Met Thr Lys Ile Ala Trp Asp Leu Pro Lys  
 184 435 440 445  
 186 Phe Tyr Pro Pro Val Glu Pro Pro Ala Ala Ala Trp Gly Glu Ile Arg

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/001,851

DATE: 12/11/2001

TIME: 11:57:51

Input Set : A:\10147561.app  
Output Set: N:\CRF3\12112001\1001851.raw

RAW SEQUENCE LISTING DATE: 12/11/2001  
PATENT APPLICATION: US/10/001,851 TIME: 11:57:51

Input Set : A:\10147561.app  
Output Set: N:\CRF3\12112001\1001851.raw

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/001,851

DATE: 12/11/2001

TIME: 11:57:52

Input Set : A:\10147561.app

Output Set: N:\CRF3\12112001\I001851.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:257 M:283 W: Missing Blank Line separator, <400> field identifier  
L:258 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (4) SEQUENCE:  
L:262 M:283 W: Missing Blank Line separator, <400> field identifier  
L:263 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (5) SEQUENCE:  
L:267 M:283 W: Missing Blank Line separator, <400> field identifier  
L:268 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:  
L:272 M:283 W: Missing Blank Line separator, <400> field identifier  
L:273 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (7) SEQUENCE:  
L:277 M:283 W: Missing Blank Line separator, <400> field identifier  
L:278 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (8) SEQUENCE:  
L:282 M:283 W: Missing Blank Line separator, <400> field identifier  
L:283 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:  
L:287 M:283 W: Missing Blank Line separator, <400> field identifier  
L:288 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:  
L:529 M:283 W: Missing Blank Line separator, <400> field identifier  
L:530 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:  
L:534 M:283 W: Missing Blank Line separator, <400> field identifier  
L:535 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (15) SEQUENCE:  
L:539 M:283 W: Missing Blank Line separator, <400> field identifier  
L:540 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (16) SEQUENCE:  
L:544 M:283 W: Missing Blank Line separator, <400> field identifier  
L:545 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (17) SEQUENCE:  
L:549 M:283 W: Missing Blank Line separator, <400> field identifier  
L:550 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (18) SEQUENCE:  
L:554 M:283 W: Missing Blank Line separator, <400> field identifier  
L:555 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (19) SEQUENCE: